

**METHOD AND APPARATUS FOR LOSSLESS SWITCHOVER
IN A REDUNDANT SWITCH FABRICS**

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ABSTRACT

Method and apparatus for lossless switchover in a redundant switch fabric improves the reliability and predictability of a cell reaching its destination without the cell being lost during switch-over through redundant switch fabrics. Ingress and egress buffers are disposed in input and output line cards to maintain the history of transmitted cells. When switch-over occurs, the cells transmission history is used to recover lost cells transparently and with minimal latency.

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